

U.S. Department of Commerce, Patent and Trademark Office					Atty Docket No.		Serial No.	
					M-11445 US		09/919,742	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Applicant(s)			
(Use several sheets if necessary)					Moorer, James A.			
					Filing Date		Group Technology Center 2	
					July 31, 2001		2644	
U.S. Patent Documents								
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
CPL	AA	4,703,506	10/27/1987	Sakamoto et al.				
CPL	AB	4,802,227	1/31/1989	Elko et al.				
CPL	AC	4,922,536	5/1/1990	Hoque				
CPL	AD	5,051,799	9/24/1991	Paul et al.				
CPL	AE	5,058,170	10/15/1991	Kanamori et al.				
CPL	AF	5,483,599	1/9/1996	Zagorski				
CPL	AG	5,737,430	4/7/1998	Widrow				
CPL	AH	5,940,118	8/17/1999	Van Schyndel				
	AI							
	AJ							
	AK							
Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
CPL	AL	WO 00/52959	9/8/2000	WIPO				
CPL	AM	WO 99/53336	10/21/1999	WIPO				
CPL	AN	WO 99/27754	6/3/1999	WIPO				
CPL	AO	2 097 121 A	4/21/1981	Great Britain				
CPL	AP	2 104 218 A	7/28/1981	Great Britain				
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
CPL	AQ	Peacock, Kenneth L., "On the Practical Design of Discrete Velocity Filters for Seismic Data Processing," <u>IEEE Transactions on Acoustics, Speech, and Signal Processing</u> , Vol. ASSP-30, No. 1, 2/1982, pp. 52-60.						
CPL	AR	Gerzon, Michael, "Ultra-Directional Microphones: Applications of Blumlein Difference Technique: Part 1," <u>Studio Sound</u> , Volume 12, 10/1970, pp. 434-437.						
CPL	AS	Gerzon, Michael, "Ultra-Directional Microphones: Applications of Blumlein Difference Technique: Part 2," <u>Studio Sound</u> , Volume 12, 11/1970, pp. 501-504.						
Examiner <i>Cony Cho</i>		Date Considered <i>12/28/04</i>						
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.								

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Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AB							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
CPL	AC	Gerzon, Michael, "Ultra-Directional Microphones: Applications of Blumlein Difference Technique: Part 3," <u>Studio Sound</u> , Volume 12, 12/1970, pp. 539-543.						
CPL	AD	Skolnik, Merrill I., <u>Radar Handbook</u> , 1990						
CPL	AE	Harry F. Olson "Directional Microphones," <u>Journal of the Audio Engineering Society</u> , October 1967. [0002]						
CPL	AF	B.R. Beavers, R. Brown "Third-Order Gradient Microphone for Speech Reception" <u>Journal of the Audio Engineering Society</u> , December 1970. [0002] NOTE: These two articles, 1) and 2), are included in "Microphones: An Anthology of Articles on Microphones from the Pages of the Journal of the Audio Engineering Society," Kluwer Academic Publishers, Hingham, MA USA, 1996. [0029]						
CPL	AG	Section 9.1, pp. 128-134, of Leland B. Jackson "Digital Filters and Signal Processing," Kluwer Academic Publishers, Hingham, MA USA, 1996. [0029]						
CPL	AH	Sections 2.5 and 8.6 of Gene H. Golub, Charles F. Van Loan "Matrix Computations: Third Edition" Johns Hopkins University Press, Baltimore MD USA, 1996. [0037]						
CPL	AI	J.H. McClellan, T.W. Parks, L.R. Rabiner "A Computer Program for Designing Optimum FIR Linear Phase Digital Filters" <u>IEEE Transactions on Audio and Electroacoustics</u> , Volume AU-21, pp. 506-526, December 1973. [0039]						
CPL	AJ	Andrew G. Deczky "Synthesis of Recursive Digital Filters Using the Minimum p-Error Criterion" <u>IEEE Transactions on Audio and Electroacoustics</u> , Volume AU-20, pp. 257-263, October 1972. [0039]						
CPL	AK	Metcalf, R.M., and Boggs, D.R. "Ethernet: Distributed Packet Switching for Local Computer Networks", <u>Communications of the ACM</u> , Volume 19, Number 7, pp. 395-404, July 1976. [0072]						
CPL	AL	Patrick M. Peterson "Adaptive Array Processing for Multiple Microphone Hearing Aids" <u>RLE Technical Report No. 541</u> , February 1989. (This is from: RLE (Research Laboratory of Electronics), MIT, Cambridge, MA 02139)						
Examiner		Cory Char		Date Considered		12/28/04		
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Foreign Patent Documents							
							Translation
		Document	Date	Country	Class	Subclass	Yes No
	AB						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
CPC	AC	Chou, Thomas, "Frequency-Independent Beamformer With Low Response Error," <u>IEEE Conference on Acoustics, Speech, and Signal Processing</u> , Volume 5, pp. 2995-2998, 1995.					
CPL	AD	Berhout et al., "Acoustic Control By Wave-Field Synthesis," <u>Journal of the Acoustic Society of America</u> , Vol. 5, pp. 2764-2778, 1993.					
CPC	AE	Goodwin Michael M.; Elko, Gary W., "Constant Beamwidth Beamforming," <u>IEE Conference on Acoustics, Speech, and Signal Processing</u> , Volume 4, pp. 1-169-1-172, 1993.					
CPC	AF	Flanagan, J.H. et al. "Autodirective Micro Systems," <u>Acustica</u> , Volume 73, pp. 58-71, 1991.					
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	AL						
Examiner <u>Congy Chan</u>		Date Considered <u>12/28/01</u>					
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